

In the Claims

Please replace the previous version of the claims with the following:

1.-30. (Cancelled)

31. (Currently Amended) A polypeptide binding to a target comprising an EP motif having the following sequence:

(X- (EP)_n-Y- (EP)_m-Z)_p

wherein X, Y and Z, may be identical or different and comprise a sequence of 0 to 10 amino acids, identical or different, n, m are integers comprised between 0 to 20, preferably between 3 to 10 with at least one from n or m being different from 0, and p is an integer between 1 and 10,

and-said polypeptide_compris[[es]]ing the amino acid sequence of LAP identified by SEQ ID No.:NO: 1, or a fragment thereof that is at least 50% identical to the amino acid sequence of SEQ ID NO: 1, wherein the LAP identified by SEQ ID NO: 1 or the fragment thereof binds the EP motif.

32. (Currently Amended) A polypeptide binding to a target comprising an EP motif having the following sequence:

(X- (EP)_n-Y- (EP)_m-Z)_p

wherein X, Y and Z, may be identical or different and comprise a sequence of 0 to 10 amino acids, identical or different, n, m are integers comprised between 0 to 20, preferably between 3 to 10 with at least one from n or m being different from 0, and p is an integer between 1 and 10,

and-said polypeptide_compris[[es]]ing the carboxy-terminal amino acid sequence of LAP identified by SEQ ID No.:NO: 2, or a fragment thereof that is at least 50% identical to the amino acid sequence of SEQ ID NO: 2, wherein the LAP identified by SEQ ID NO: 2 or the fragment thereof binds the EP motif.

33. (Previously Presented) The polypeptide according to Claim 31, which binds to an EP motif selected from the group consisting of EPEPEPEPEPEPEPEPEP (SEQ ID NO: 3),

EPEPEPQLEPEP (SEQ ID NO: 4), EPQDEPPEPQLELQVEPEPELEQ (SEQ ID NO: 5), or EPEPEPEPEPEP (SEQ ID NO: 6).

34. (Previously Presented) The polypeptide according to Claim 32, which binds to an EP motif selected from the group consisting of EPEPEPEPEPEPEPEPEP (SEQ ID NO: 3), EPEPEPQLEPEP (SEQ ID NO: 4), EPQDEPPEPQLELQVEPEPELEQ (SEQ ID NO: 5), or EPEPEPEPEPEP (SEQ ID NO: 6).

35. (Previously Presented) The polypeptide according to Claim 31, which binds to an amino acid sequence comprising at least 5 EP motifs over a 19 amino acid segment.

36. (Previously Presented) The polypeptide according to Claim 32, which binds to an amino acid sequence comprising at least 5 EP motifs over a 19 amino acid segment.

37. (New) The polypeptide according to Claim 1 wherein the fragment is 100% identical to a portion of the amino acid sequence of SEQ ID NO: 1.

38. (New) The polypeptide according to Claim 2 wherein the fragment is 100% identical to a portion of the amino acid sequence of SEQ ID NO: 2.